

902/138

6xkop

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



28 FEB 2005

(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/019941 A1

(51) International Patent Classification⁷: A61K 31/4409, 31/4427, C07D 213/68, 413/12, A61P 35/00

(DE). GRELL, Matthias [DE/DE]; Lindenweg 44, 64291 Darmstadt (DE).

(21) International Application Number:
PCT/EP2003/008474

(74) Common Representative: MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(22) International Filing Date: 31 July 2003 (31.07.2003)

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02019023.7 27 August 2002 (27.08.2002) EP

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW). Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

Published:

— with international search report

(72) Inventors; and

(75) Inventors/Applicants (for US only): BUCHSTALLER, Hans-Peter [AT/DE]; Heinrichstrasse 54, 64331 Weiterstadt (DE). WIESNER, Matthias [DE/DE]; Beethovenring 10, 64342 Seeheim-Jugenheim (DE). SCHADT, Oliver [DE/DE]; Eschenstrasse 22, 63517 Rodenbach (DE). AMENDT, Christiane [DE/DE]; Barkhausstrasse 22, 64289 Darmstadt (DE). ZENKE, Frank [DE/DE]; Schulzengasse 7, 64291 Darmstadt (DE). SIRRENBERG, Christian [DE/DE]; Taunusstrasse 10, 64289 Darmstadt

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/019941 A1

(54) Title: GLYCINAMIDE DERIVATIVES AS RAF-KINASE INHIBITORS

(57) Abstract: The present invention relates to glycinamide derivatives of formula (I), the use of the compounds of formula (I) as inhibitors of raf-kinase, the use of the compounds of formula (I) for the manufacture of a pharmaceutical composition and a method of treatment, comprising administering said pharmaceutical composition to a patient.